

Comparisons of Job Characteristics

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Construction Managers (11-9021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Construction Managers (11-9021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Building and Construction	4.0	22.2	9.1	<<	Extensive education and/or training may be required
Administration and Management	8.4	16.5	11.3	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	15.4	8.5	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	15.3	14.6	0	Current knowledge level may be sufficient
Design	5.2	14.4	10.6	<<	Extensive education and/or training may be required
Mathematics	9.2	12.6	19.0	>>	Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	12.2	6.1	<<	Extensive education and/or training may be required
Mechanical	6.8	11.9	8.1	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	11.0	5.3	<<	Extensive education and/or training may be required
Law and Government	5.9	10.1	7.1	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	9.1	11.0	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Construction Managers (11-9021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Management of Personnel Resources	6.9	13.0	6.9	<<	Extensive development of skills in this area may be required
Time Management	8.9	12.9	9.2	<<	Extensive development of skills in this area may be required
Coordination	9.1	12.8	9.7	<<	Extensive development of skills in this area may be required
Monitoring	9.9	12.8	9.8	<<	Extensive development of skills in this area may be required
Negotiation	6.8	12.3	8.5	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	12.2	11.9	0	Current skill level may be sufficient
Persuasion	7.4	11.7	10.1	<	A higher skill level may be required
Operations Analysis	5.0	11.1	6.2	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	10.4	8.3	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Cost Estimators (13-1051)

Associated Occupation: Construction Managers (11-9021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	14.2	9.4	<<	Extensive improvement in abilities may be required
Far Vision	7.8	12.0	7.3	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	11.8	11.0	0	Current ability level may be sufficient
Visualization	7.5	11.5	6.7	<<	Extensive improvement in abilities may be required
Mathematical Reasoning	6.3	11.0	13.9	>	Current ability level is likely sufficient
Number Facility	6.3	11.0	14.6	>>	Current ability level is likely more than sufficient
Flexibility of Closure	7.8	10.3	7.5	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	8.3	5.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Cost Estimators (13-1051)
Associated Occupation: Construction Managers (11-9021)

Work Activities	Exclusivity of Activity
Compute cost estimates of construction or engineering projects	92
Estimate materials or labor requirements	61
Estimate time or cost for installation, repair, or construction projects	54
Interpret maps for architecture, construction, or engineering project	77
Negotiate business contracts	60
Understand construction specifications	53

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Cost Estimators (13-1051)
Associated Occupation: Construction Managers (11-9021)

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.